

# IUM BASIC ORTHOPAEDIC BIOMECHANICS COURSE 2021

TIME	TOPIC	SPEAKER
0800H - 0810H	INTRODUCTION	PROF. DR. AMINUDIN CHE AHMAD
MODULE 1: JOINT BIOMECHANICS		
0810H - 0830H	1.1 SHOULDER & ELBOW	ASST. PROF. DR KHAIRUL NIZAM SIRON @ BAHAROM
0830H – 0850H	1.2 HAND & WRIST	ASST. PROF. DR RAFFAEL ISMAIL
0850H – 0910H	1.3 SPINE	ASST. PROF. DR RAJANDRA KUMAR A/L KARUPIAH
0910H – 0930H	1.4 HIP	PROF. DR. AHMAD HAFIZ ZULKIFLY
0930H – 0950H	1.5 KNEE	DR. KHAIRUL MOHD KHALID
0950H – 1010H	1.6 FOOT & ANKLE	ASST. PROF. DR. MOHD ADHAM SHAH AYEOP
1010H – 1025H	BREAK	
MODULE 2: BONE, TENDON & MUSCLE		
1025H – 1045H	2.1 BONE BIOLOGY, HEALING & BIOMECHANICS	ASSOC. PROF. DR. AHMAD FADZLI SULONG
1105H – 1125H	2.2 TENDON & MUSCLE BIOLOGY, HEALING & BIOMECHANICS	ASST. PROF. DR. ARDILLA HANIM ABD RAZAK
MODULE 3: BIOMATERIALS		
1125H – 1145H	3.1 BIOMATERIALS	PROF. DR. ZAMZURI BIN ZAKARIA
MODULE 4: IMPLANTS		
1145H – 1205H	4.1 SCREWS & PLATES MECHANICS AND FUNCTIONS	ASSOC. PROF. DR MOHD SHUKRIMI AWANG
1205H – 1225H	4.2 ANGLE STABILITY	DR. MUHAMMAD SYAFIZ AHMAD ISMANI
1225H – 1300H	QUIZ 1	SPEAKERS
1300H – 1400H	LUNCH BREAK & ZUHUR PRAYER	
1400H – 1420H	4.3 HIP FIXATION	ASST. RPOF. DR MUHAMMAD HAIDAR NASURUDDIN
1420H – 1440H	4.4 INTRA-MEDULLARY NAILING	ASST. PROF. DR NIK ALYANI NIK ABD ADEL
1440H -1500H	4.5 TENSION BAND PRINCIPLE	ASST. PROF. DR LOH LI LOONG
1500H – 1520H	4.6 EXTERNAL FIXATOR	PROF. DR. NAZRI MOHD YUSOF
1520H – 1600H	QUIZ 2	SPEAKERS
1600H	CLOSING	